

# PAC-3020

Intel® Celeron® Alder Lake N100  
Controller System



HARDWARE SOLUTIONS S.R.L.

Via Ghiarola Vecchia 32  
Fiorano Modenese, 41042 (MO)

info@hardwaresolutions.it  
sales@hardwaresolutions.it

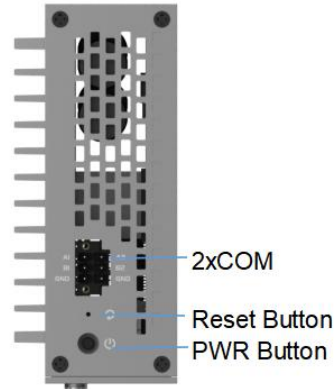
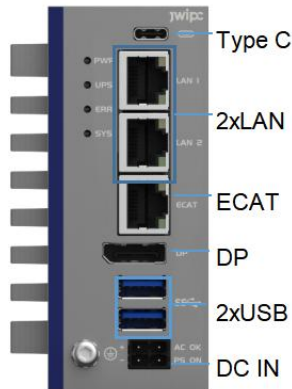
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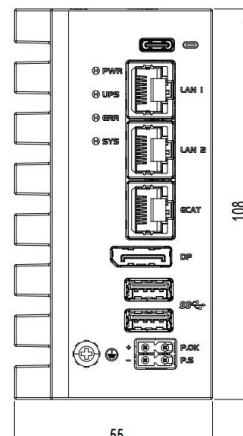
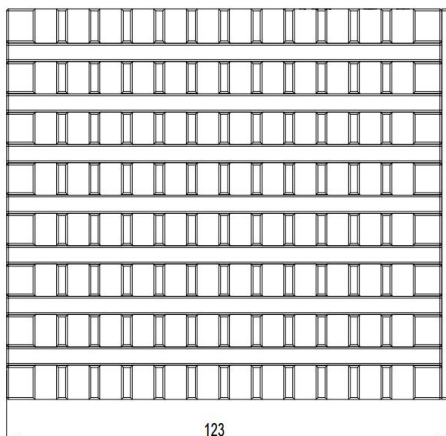
## Features

- Intel N100 SoC
- 8GB LPDDR5 on board
- 32G EMMC on board
- 1xDP
- 2xLAN, 1xECAT
- 2xUSB-TYPE A(USB3.0),1xUSB-TYPE C(USB3.0)
- 1x M.2 2242
- 2xRS485(with isolation)
- DC IN 24V. Electrolytic capacitor inside

## Product View



## Dimensions



System	Processor	Intel® Celeron® Alder Lake N100
	Chipset	Intel® Alder Lake SoC
	BIOS	AMI UEFI BIOS
	Memory	8GB LPDDR5 on board
	OS	Windows10, Linux
I/O interface	USB	2x USB-TYPE A(USB 3.0), 1x USB-TYPE C(USB3.0)
	Serial	2xRS485(with isolation), 6pin Phoenix terminal
	LED	1x Power LED, 1x SYS LED, 1x ERR LED, 1xUPS LED
Graphics	Interface	1xDP, up to 4096 x 2160@60Hz
Storage	Storage Device	EMMC/32G on board MRAM (reserved) 1x M.2242 SATA/NVME(PCIex2)
Ethernet	LAN	2x LAN( Intel I210AT), 1x ECAT(Intel I210AT)
Power	Power Input	DC IN 24V, Electrolytic capacitor inside, 100ms Power-off Retention
	Power Interface	4-Pole Phoenix DC plug in
Others	others	1x PWR button 1x reset button RTC battery
Mechanical	Dimensions (WxHxD)	55x108x123 mm
	Weight	KG
	Mounting	Wall-mounting, Din rail mounting
Environment	Operating Temp.	-20~60°C
	Storage Temp.	-25~70°C
	Humidity	95%@40°C (non-condensing)
	Shock	With SSD: 15G, IEC 60068-2-27, half sine, 11ms duration
	Vibration	With SSD:2Grms, IEC 60068-2-64, random, 5~500Hz, 1 hr/axis

Model	CPU	DP	LAN	ECAT	USB-TYPE A USB3.0	USB-TYPE C USB3.0	COM	M.2
PAC-3020	N100	1	2	1	2	1	2	1

## ■ Packing List

Part Number	Description	Quantity
PAC-3020	PAC-3020 controller system	1